

snc[®]

Corporate Overview



Space Systems

We are redefining how humanity reaches, explores and utilizes space through the development of high-performance, innovative space systems. From America's spaceplane, the ***Dream Chaser***® spacecraft, to thousands of mission centric mechanisms, we are changing the way the world goes to space.

SNC's Space Systems business area based in Louisville, Colorado, designs and manufactures advanced spacecraft, space vehicles, rocket motors, life support systems, and space subsystems and components for the U.S. Government, NASA, commercial customers, as well as for the international market. SNC has more than 25 years of space heritage, participating in more than 450 successful space missions and delivering over 4,000 systems, subsystems and components around the world.

From missions supporting Earth, the moon, sun, and seven planets, SNC has provided support for programs including the Mars Rovers (Spirit, Opportunity and Curiosity), plant growth on the International Space Station (VEGGIE and Advanced Plant Habitat) and many more.

Space Capabilities

- Space Transportation Systems, including the Dream Chaser Spacraft
- Space Exploration Systems, including Space Habitats
- Spacecraft & Satellite Solutions
- Environmental Control & Life Support Systems & Instrumentation
- Rocket Engines & Propulsion Products
- Science Payload & Bio Products
- Space Technologies & Subsystems

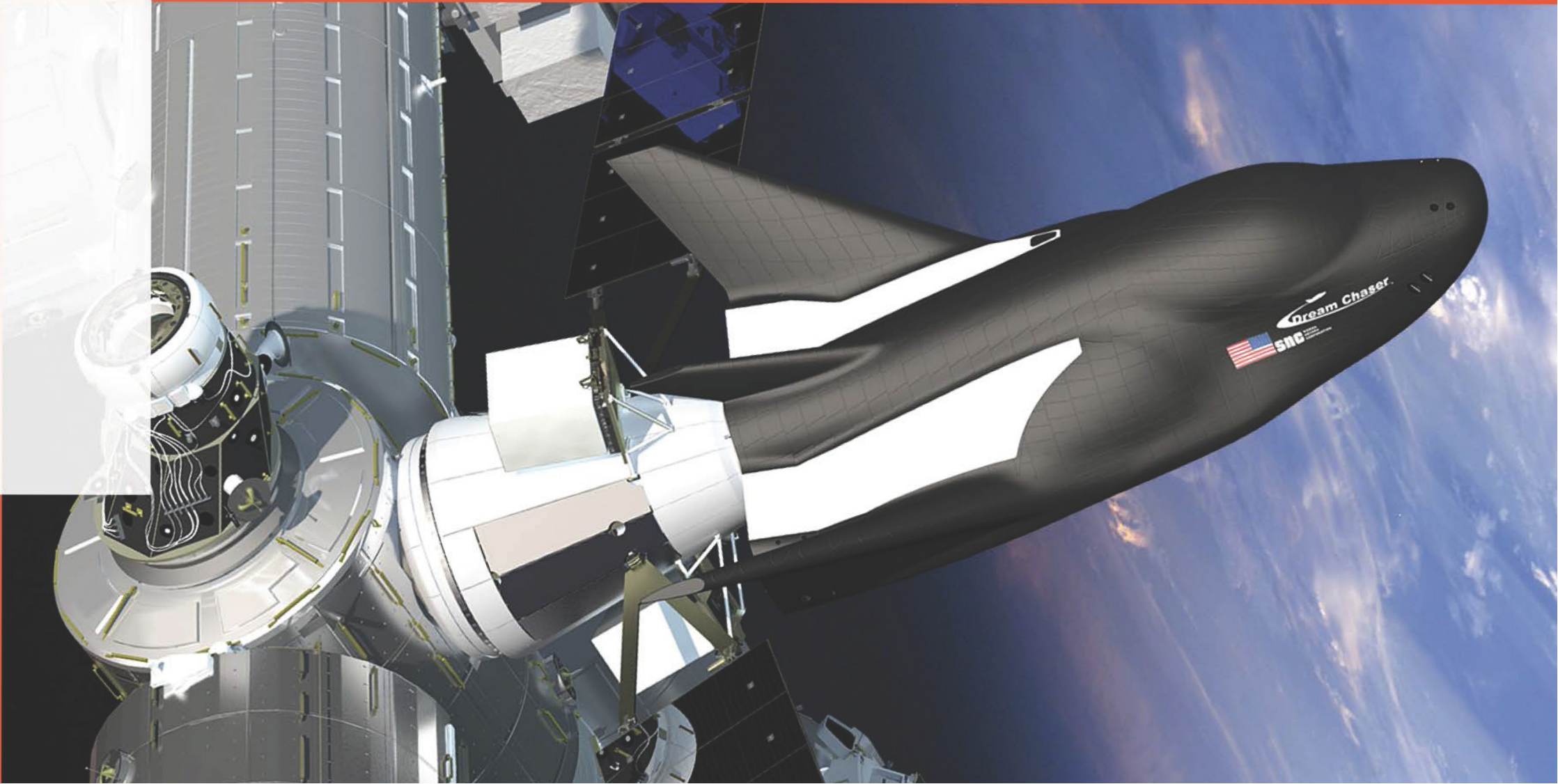


Case Study: Space Exploration

In partnership with NASA, SNC is collaborating to design and develop a deep space, long-duration, human habitat design and prototype. The partnership, under NASA's Next Space Technologies for Exploration Partnerships-2 (NextSTEP-2) Broad Agency Announcement, allows SNC to use our experience in space to design a complete habitat system architecture and build a full-scale prototype for testing and evaluation. NASA's NextSTEP-2 public-private partnerships support the journey to the moon and Mars, as well as the commercial development of low-Earth orbit (LEO) space by focusing on sustainable human habitats for long-duration spaceflight missions.

Case Study: *Dream Chaser*®

NASA selected our Dream Chaser Cargo System to provide cargo delivery, return and disposal services for the International Space Station. Under the Commercial Resupply Services 2 (CRS2) contract, our privately owned and operated Dream Chaser spacecraft will provide a minimum of six cargo service missions to and from the International Space Station starting in 2020.



National Security & Defense

Our ultimate goal is to keep our service personnel safe and their operations efficient and effective by meeting the demanding requirements of our national security and defense customers. From autonomous landing systems for both manned and unmanned aircraft to leading-edge C4ISR solutions and protecting soldiers on the front line, our 50-year heritage of defense and special operations contracting is driven by an innovative and customer-centric approach.

National Security & Defense Capabilities

- Aircraft Design & Modification
- Contractor Logistics Support & Life Cycle Sustainment
- Counter UAS Systems
- Cyber
- Degraded Visual Environment (DVE) Solutions
- eHealth/Remote Monitoring
- Electronic Warfare Systems
- Integrated ISR Solutions
- Light Air Support - Light Attack
- Navigation, Guidance & Landing
- Position, Navigation & Timing
- Rotary-Wing Integration & Re-Manufacturing
- Secure Communications & Electronic Key Management Systems
- Sensor & Mission Systems
- Unmanned Systems



Case Study: Multi-Role Special Mission Aircraft

Since 2009, SNC has engineered and integrated 12 multi-role special mission aircraft in support of U.S. Government agency missions. Our multi-role special mission aircraft is a fully certified, highly missionized aircraft, providing integrated intelligence, surveillance and reconnaissance (ISR) services.

- More than a decade of special mission heritage
- Proven to be uniquely suited to meet the challenges of protecting the United States border
- Aircraft modifications at SNC facility located in Hagerstown, Maryland

Case Study: Light Air Support

The A-29 Super Tucano is a Multi-Mission Light Air Support (LAS) Aircraft integrated and maintained by Sierra Nevada Corporation (SNC) and assembled in partnership with Embraer Defense and Security in Jacksonville, Florida.

- USAF military type certification
- Certified for more than 150 load configurations
- Combat-proven in Afghanistan & in theaters around the globe
- Highly developed flight and maintenance training program
- Designed for routine operations from unimproved air fields





Our Mission

Dream, Innovate, Inspire and Empower the next generation to transform humanity through technology and imagination.

Velinda Highfill
SNC Supplier Diversity Manager

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